

Claim Amendments

1. (currently amended) A wheel bearing {8} in a wheel carrier comprising: {7},
the ~~wheel bearing~~ {8} having at least one outer ring {2}, having at least one row of
rolling bodies {3}, the wheel bearing {8} being supported in the wheel carrier {7} at
least on a cylindrical section {2g} of the outer ring {2} at least radially with respect to
the rotational axis {11}, and the outer ring {2} having a flange {2e} which points
radially away from the rotational axis wherein {11}, characterized in that a raceway
{2a} for the row is formed at least partially on the section {2g}, and in that the flange
{2e} is formed axially on the end side of the outer ring {2}, the flange being fastened
axially to the wheel carrier {7}.

2. (currently amended) The wheel bearing as claimed in claim 1, wherein
characterized in that a hole {7a} of the wheel carrier {7} has a circularly cylindrical
internal geometry {2r} which is finished by material removing machining, and the
outer ring {2}, before assembly in the hole {7a}, has a finished external geometry {2s}
at least on the section {2g}, the external geometry {2s} differs from the internal
geometry {2r} at least in one diameter and in one roundness, and at least the section
{2g} here is unround and of greater diameter compared with the hole {7a}, and in that
the outer ring {2} which is seated in the hole {7a} with a press fit has a geometry
which is adapted to the internal geometry {2r} on the outside, at least on the section
{2g}, and at least the section {2g} is constricted here radially toward the inside and
the outer ring {2} is as round as the hole {7a} here, at least on the section {2g} in the
hole {7a}.

3. (currently amended) The wheel bearing as claimed in claim 1, wherein
characterized in that the outer ring {2} has an external geometry {2s} which is finished

by cold forming.

4. (currently amended) The wheel bearing as claimed in claim 1, wherein characterized in that the outer ring (2) has an external geometry (2s) which is finished by hardening.

5. (currently amended) The wheel bearing as claimed in claim 1, wherein characterized in that the wheel bearing (8) has at least one inner ring (4), the inner ring (4) having an inner ring raceway (4a).

6. (currently amended) The wheel bearing as claimed in claim 1, wherein characterized in that the outer ring (2) is cold formed in one piece with the flange (2e).

7. (currently amended) The wheel bearing as claimed in claim 1, wherein characterized in that a fastening element (14) engages at least axially behind the flange (2e) on a side of the flange (2e) which faces axially away from the wheel carrier (7), and the fastening element (14) bears axially fixedly against the flange (2e) in the process, the fastening element (14) being fixed to the wheel carrier (7).

8. (currently amended) The wheel bearing as claimed in claim 7 †, wherein characterized in that the fastening element (14) is a bolt with a head (14a), the bolt with the head (14a) bearing axially against the flange (2e) by engaging through a recess (2f) of the flange (2e), fastening the flange (2e) to the wheel carrier (7).

9. (currently amended) The wheel bearing as claimed in claim 8, wherein characterized in that the recesses (2f) are open radially to the outside.

10. (currently amended) The wheel bearing as claimed in claim 8, wherein characterized in that the first recesses {2f} are holes {16} which lead axially through the flange {2e}.

11. (currently amended) The wheel bearing as claimed in claim 8, wherein characterized in that the flange {2e} has sections {2g} which protrude radially and are adjacent to one another circumferentially, in each case one of the recesses {2f} extending radially at least partially in at least two of the sections {2g}.

12. (currently amended) The wheel bearing as claimed in claim 11, wherein characterized in that the flange {2e} has an odd number of radially protruding sections {2g}, having at least three of the sections {2g} with the recesses {2f} be each adjacent to one of the sections {2g} without recess.

13. (currently amended) The wheel bearing as claimed in claim 1, wherein characterized in that the flange {2e} bears axially against the wheel carrier {7} at least in sections.

14. (currently amended) The wheel bearing as claimed in claim 1, wherein characterized in that a radial shoulder {2h} for the raceway {2a} is formed in one piece with the outer ring {2} between the rows.

15. (currently amended) The wheel bearing as claimed in claim 14, wherein characterized in that the outer ring {2} is provided on the outside with an annular groove {2k}, the annular groove {2k} extending radially partially into the radial shoulder {2h}.

16. (currently amended) The wheel bearing as claimed in claim 1, wherein characterized in that the wheel carrier {7} engages around at least the raceway {2a} of the outer ring {2}, a hub {5} being supported in the outer ring {2} via the rolling bodies {3} on the raceway {2a} in such a way that it can rotate about the rotational axis {11}, and the wheel flange {5d} leading radially from the hub.